

ANALYSIS OF G08022 ASPERGILLUS MICRONUCLEUS DATA

Male Mice

HI Particle Control vs. Air Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
Air Control	2.699	0.219			1.463	0.052			1.550	0.063		
HI Particle Control	2.390	0.080	0.283	Dunn	1.395	0.028	0.483	Dunn	1.623	0.057	0.433	Dunn

Test Article vs. Air Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
Air Control	2.699	0.219			1.463	0.052			1.550	0.063		
Test Article	2.550	0.154	0.818	Dunn	1.379	0.025	0.269	Dunn	1.587	0.049	0.594	Dunn

Test Article vs. HI Particle Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
HI Particle Control	2.390	0.080			1.395	0.028			1.623	0.057		
Test Article	2.550	0.154	0.716	Dunn	1.379	0.025	1.000	Dunn	1.587	0.049	1.000	Dunn

Notes:

- 1) Pairwise p-values are calculated using two-sided Dunn's tests, which compare all dose groups simultaneously. P-values for PCE/NCE Ratio are calculated using the log-transformed ratio values.
- 2) N=5 for all dose groups.

ANALYSIS OF G08022 ASPERGILLUS MICRONUCLEUS DATA

Female Mice

HI Particle Control vs. Air Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
Air Control	1.730	0.080			0.931	0.014			1.614	0.100		
HI Particle Control	1.960	0.206	0.323	Dunn	0.959	0.032	1.000	Dunn	1.883	0.273	0.135	Dunn

Test Article vs. Air Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
Air Control	1.730	0.080			0.931	0.014			1.614	0.100		
Test Article	1.684	0.108	1.000	Dunn	0.903	0.021	0.387	Dunn	1.864	0.122	0.206	Dunn

Test Article vs. HI Particle Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
HI Particle Control	1.960	0.206			0.959	0.032			1.883	0.273		
Test Article	1.684	0.108	0.343	Dunn	0.903	0.021	0.344	Dunn	1.864	0.122	1.000	Dunn

Notes:

- 1) Pairwise p-values are calculated using two-sided Dunn's tests, which compare all dose groups simultaneously. P-values for PCE/NCE Ratio are calculated using the log-transformed ratio values.
- 1) N=5 for all dose groups.